

BIBLIOGRAPHY

- Baptiste, P. and Le Pape, C. (1996). Edge-finding constraint propagation algorithms for disjunctive and cumulative scheduling. Proceedings of the Fifteenth Workshop of the U.K. Planning Special Interest Group (PLANSIG).
- Baptiste, P.; Le Pape, C.; Nuijten, W. (1995). Constraint-Based Optimization and Approximation for Job-Shop Scheduling. Proceedings of the AAAI-SIGMAN Workshop on Intelligent Manufacturing Systems, IJCAI-95.
- Baptiste, P.; Le Pape, C.; Nuijten, W. (2001). Constraint-based Scheduling: Applying Constraints to Scheduling Problems. Kluwer Academic Publishers, Dordrecht.
- Barták, R. (1998). On-line Guide to Constraint Programming.
<http://kti.mff.cuni.cz/~bartak/constraints/>
- Beck, J. Ch and Perron, L. (2000). Discrepancy-Bounded Depth First Search. Proceedings of Second International Workshop on Integration of AI and OR Technologies for Combinatorial Optimization Problems (CP-AI-OR00), 7-17.
- Beldiceanu, N.; Bourreau, E.; Chan, P.; Rivreau, D. (1997). Partial Search Strategy in CHIP. 2nd International Conference on Metaheuristics (MIC 97).
- Berlandier, P. and Neveu, B. (1994). Arc-Consistency for Dynamic Constraint Satisfaction Problems: a RMS free approach. Proceedings of the ECAI-94 Workshop on "Constraint Satisfaction Issues Raised by Practical Applications", Amsterdam, The Netherlands.
- Bessière Ch. (1991). Arc-Consistency in Dynamic Constraint Satisfaction Problems. Proceedings of the 9th National Conference on Artificial Intelligence (AAAI-91), Anaheim, CA, USA. AAAI Press, 221–226.
- Bessière, Ch. (1994). Arc-consistency and arc-consistency again. Artificial Intelligence 65(1), 179-190.
- Bessière, Ch.; Freuder, E.C.; Régin, J.-Ch. (1999). Using constraint metaknowledge to reduce arc consistency computation. Artificial Intelligence 107(1), 125-148.
- Bessière, Ch. and Régin, J.-Ch. (2001). Refining the Basic Constraint Propagation Algorithm. Proceedings of 17th International Joint Conference on Artificial Intelligence (IJCAI-01), 309-315.
- Bistarelli, S., Montanary, U., Rossi, F. (1997). Semiring-based Constraint Satisfaction and Optimisation, *Journal of ACM*.
- Blum, A. and Furst, M. (1997). Fast planning through planning graph analysis. Artificial Intelligence 90, 281-300.
- Brucker, P. (2001). Scheduling Algorithms. Springer Verlag.
- Carlier, J. and Pinson, E. (1994). Adjustment of heads and tails for the job-shop problem. European Journal of Operational Research 78(2), 146-161.
- Caseau, Y. and Laburthe, F. (1995). Disjunctive scheduling with task intervals. LIENS Technical Report 95-25, Laboratoire d'Informatique de l'Ecole Normale Supérieure.

- Cesta, A. and Stella, C. (1997). A Time and Resource Problem for Planning Architectures. Recent Advances in AI Planning (ECP'97), LNAI 1348, Springer Verlag, 117-129.
- Cheadle, A.M.; Harvey, W.; Sadler, A.J.; Schimpf, J.; Shen, K. and Wallace, M.H. ECLiPSe: An Introduction. IC-Parc, Imperial College London, Technical Report IC-Parc-03-1, 2003.
- Constraints Archive (2003). <http://4c.ucc.ie/web/archive/>
- Debruyne R. (1996). Arc-Consistency in Dynamic CSPs is no more prohibitive. Proceedings of the 8th IEEE International Conference on Tools with Artificial Intelligence (ICTAI-96), Toulouse, France, 239–267.
- Dechter R. and Dechter A. (1988). Belief Maintenance in Dynamic Constraint Networks. Proceedings of the 7th National Conference on Artificial Intelligence (AAAI-88), St. Paul, MN, USA. AAAI Press, 37–42.
- Dechter, R.; Meiri, I.; Pearl, J. (1991). Temporal Constraint Networks. *Artificial Intelligence* 49, 61-95.
- Dechter, R. and Frost, D. (1998). Backtracking algorithms for constraint satisfaction problems; a survey. *Constraints, International Journal*, Kluwer.
- Dechter, R. (2003). *Constraint Processing*. Morgan Kaufmann.
- Do, M.B. and Kambhampati, S. (2000). Solving planning-graph by compiling it into CSP. Proceedings of the Fifth International Conference on Artificial Planning and Scheduling (AIPS-2000), AAAI Press, 82-91.
- Dorndorf, U. (2002). *Project Scheduling with Time Windows: From Theory to Applications*. Physica Verlag, Heidelberg.
- El-Kholy, A. and Richards, B. (1996). Temporal and Resource Reasoning in Planning: the parcPLAN approach. Proceedings of the 12th European Conference on Artificial Intelligence (ECAI 96). John Wiley & Sons, 614-618.
- Fernández, A. J. and Hill, P. M. (2000). A Comparative Study of Eight Constraint Programming Languages Over the Boolean and Finite Domains, *Constraints Journal* 5(3), Kluwer, 275-301.
- Frank, J. D.; Jonsson, A. K.; Morris, P.H. (2000). On Reformulating Planning As Dynamic Constraint Satisfaction. Proceedings of Symposium on Abstraction, Reformulation and Approximation.
- Gaschnig, J. (1979). Performance Measurement and Analysis of Certain Search Algorithms CMU-CS-79-124, Carnegie-Mellon University.
- Ginsberg, M.L. and Harvey, W.D. (1990). Iterative Broadening. Proceedings of National Conference on Artificial Intelligence (AAAI-90). AAAI Press, 216-220.
- Ginsberg, M.L. (1993). Dynamic Backtracking. *Journal of Artificial Intelligence Research* 1, 25-46.
- Graham, R.A.; Lawler, E.L.; Lenstra, J.K.; Rinnooy Kan, A.H.G. (1979). Optimization and approximation in deterministic sequencing and scheduling: a survey. *Annals of Discrete Mathematics* 4, 287-326.

- Han, C. and Lee, C. (1988). Comments on Mohr and Henderson's path consistency algorithm. *Artificial Intelligence* 36, 125-130.
- Haralick, R.M. and Elliot, G.L. (1980). Increasing tree search efficiency for constraint satisfaction problems. *Artificial Intelligence* 14:263-314.
- Harvey, W.D. and Ginsberg, M.L. (1995). Limited Discrepancy Search. Proceedings of the 14th International Joint Conference on Artificial Intelligence (IJCAI), 607-613.
- Harvey, W.D. (1995). Nonsystematic backtracking search. PhD Dissertation. Stanford University.
- Kautz, H. and Selman, B. (1992). Planning as satisfiability. Proceedings of the European Conference on Artificial Intelligence (ECAI), 359-363.
- Korf, R.E. (1996). Improved Limited Discrepancy Search. Proceedings of the National Conference on Artificial Intelligence (AAAI), 286-291.
- Kumar, V. (1992). Algorithms for Constraint Satisfaction Problems: A Survey. *AI Magazine* 13(1), 32-44.
- Laborie, P. (2003). Algorithms for propagating resource constraints in AI planning and scheduling: Existing approaches and new results. *Artificial Intelligence* 143, 151-188.
- Lever, J. and Richards, B. (1994). parcPlan: a Planning Architecture with Parallel Actions, Resources and Constraints. *Methodologies for Intelligent Systems (Proceedings of 8th International Symposium ISMIS 94)*. LNAI 869, Springer Verlag.
- Lopez, A. and Bacchus, F. (2003). Generalizing GraphPlan by Formulating Planning as a CSP. *Proceedings of the 18th International Joint Conference on Artificial Intelligence (IJCAI)*, 954-960.
- Mackworth, A.K. (1977). Consistency in Networks of Relations. *Artificial Intelligence* 8, 99-118.
- Mackworth, A.K. and Freuder E.C. (1985). The complexity of some polynomial network consistency algorithms for constraint satisfaction problems. *Artificial Intelligence* 25, 65-74.
- Marriott, K. and Stuckey, P.J. (1998). Programming with Constraints: An Introduction. MIT Press.
- Martin, P. and Shmoys, D.B. (1996). A new approach to computing optimal schedules for the job-shop scheduling problem. *Proceedings of the 5th International Conference on Integer Programming and Combinatorial Optimization*, 389-403.
- Meseguer, P. (1997). Interleaved Depth-First Search. *Proceedings of the 15th International Joint Conference on Artificial Intelligence (IJCAI)*, 1382-1387.
- Mittal, S. and Falkenhainer, B. (1990). Dynamic Constraint Satisfaction Problems. *Proceedings of the National Conference on Artificial Intelligence (AAAI)*, 25-32.
- Mohr, R. and Henderson, T.C. (1986). Arc and path consistency revised. *Artificial Intelligence* 28, 225-233.
- Montanari, U. (1974). Networks of constraints: fundamental properties and applications to picture processing. *Information Sciences* 7, 95-132.

- Mouhoub, M. (2003). Arc Consistency for Dynamic CSPs. In Vasile Palade, Robert J. Howlett, Lakhmi C. Jain (Eds.): Proceedings of the 7th International Conference on Knowledge-Based Intelligent Information and Engineering Systems – Part I (KES 2003), Oxford, UK. Springer Verlag LNCS 2773, 393–400.
- Prosser, P.; Stergiou, K.; Walsh, T. (2000). *Singleton Consistencies*. Proceedings Principles and Practice of Constraint Programming (CP2000), 353-368.
- Phan-Huy, T. (2000). Constraint Propagation in Flexible Manufacturing. LNEMS 492, Springer Verlag.
- Régin, J.-Ch. (1994). A filtering algorithm for constraints of difference in CSPs. Proceedings of 12th National Conference on Artificial Intelligence, AAAI Press, 362-367.
- Rudová, H. (2002). Random Placement Problem. <http://www.fi.muni.cz/~hanka/rpp/>
- Schulte, Ch. (2002). Programming Constraint Services. LNAI 2302, Springer Verlag.
- Singh M. (1995). Path Consistency Revised. Proceedings of the 7th IEEE International Conference on Tools with Artificial Intelligence, 318-325.
- Smith, S.F. and Cheng, Ch.-Ch. (1993). Slack-Based Heuristics For Constraint Satisfaction Scheduling. Proceedings of the National Conference on Artificial Intelligence (AAAI), 139-144.
- Stergiou, K. and Walsh, T. (1990). *Encodings of Non-Binary Constraint Satisfaction Problems*. Proceedings National Conference on Artificial Intelligence (AAAI-99), Orlando, Florida.
- Torres, P. and Lopez, P. (2000). On Not-First/Not-Last conditions in disjunctive scheduling. European Journal of Operational Research 127, 332-343.
- Tsang, E. (1995). Foundations of Constraint Satisfaction. Academic Press, London.
- van Beek, P. and Chen, X. (1999). CPlan: A Constraint Programming Approach to Planning. Proceedings of National Conference on Artificial Intelligence (AAAI).
- van Hentenryck, P. (1989). Constraint Satisfaction in Logic Programming, MIT Press.
- van Hentenryck, P.; Deville Y.; Teng, C.-M. (1992). A generic arc-consistency algorithm and its specializations. Artificial Intelligence 57, 291-321.
- Vilím, P. and Barták, R. (2002). Filtering Algorithms for Batch Processing with Sequence Dependent Setup Times. Proceedings of the 6th International Conference on Artificial Intelligence Planning and Scheduling (AIPS). AAAI Press, 312-320.
- Vilím, P. (2004). O($n \log n$) Filtering Algorithms for Unary Resource Constraint. Proceedings of CP-AI-OR 2004. LNCS, Springer Verlag.
- Wallace, M. (1994). Applying Constraints for Scheduling. In Mayoh B. and Penjaak J. (eds.), Constraint Programming. NATO ASI Series, Springer Verlag.
- Walsh, T. (1997). Depth-bounded Discrepancy Search. Proceedings of the 15th International Joint Conference on Artificial Intelligence (IJCAI), 1388-1395.
- Waltz, D.L. (1975). Understanding line drawings of scenes with shadows. Psychology of Computer Vision. McGraw-Hill, New York.

- Wolf, A. (2003). Pruning while Sweeping over Task Intervals. *Principles and Practice of Constraint Programming (CP 2003)*. LNCS 2833, Springer Verlag, 739-753.
- Würtz, J. (1996). Oz Scheduler: A Workbench for Scheduling Problems. *Proceedings of the 8th IEEE International Conference on Tools with Artificial Intelligence*, IEEE Computer Society Press, 132-139.
- Würtz, J. (1997). Constraint-Based Scheduling in Oz. *Operations Research Proceedings 1996*. Springer Verlag, 218-223.
- Zhang, Y. and Yap, R. (2001). Making AC-3 an Optimal Algorithm. *Proceedings of 17th International Joint Conference on Artificial Intelligence (IJCAI-01)*, 316-321.